

CALFED BAY-DELTA PROGRAM

SOUTH DELTA OPERATIONS / FACILITIES

October 9, 1998

1. Define set of operating parameters that may accompany each following staged implementation actions in the south Delta
That include;
 - New 2500 cfs "test" Fish Facility @ Tracy
 - Barriers (ISDP)
 - New (7000 cfs?) CCFB screened
 - 400 cfs intertie dnstrm of CVP/SWP canal (near MP 8)
 - New CCFB - DMC Intertie (4600 cfs?)
 - Build out of Tracy Fish Facility to 4600 cfs
 - Any Others.....
 - Joint Point
2. Program conflicts (i.e. between ISDP and DEFT / (Calfed) that require resolution (Steve)
3. Assignments.....Deliverables

Relevant Issues:

- What do we do with existing southern intake?
 - Is there capacity in the Aqueduct to wheel the 400 cfs CVP water?
 - How can the new Tracy Fish Facility be utilized to maximize operating flexibility for both projects?
 - How does transition to an isolated facility impact operations?
 - What happens in the south Delta (i.e. stages, Q) due to reoperation of new CCFB intake?
 - How do we accommodate operating ranges at the two pumping plants?
- Depth @ CCFB Intake

SR. UCD - Purpose (scour) specifically H₁ Tide H₁ Vel.
Result. 20K cfs @ H₁ Tide OK

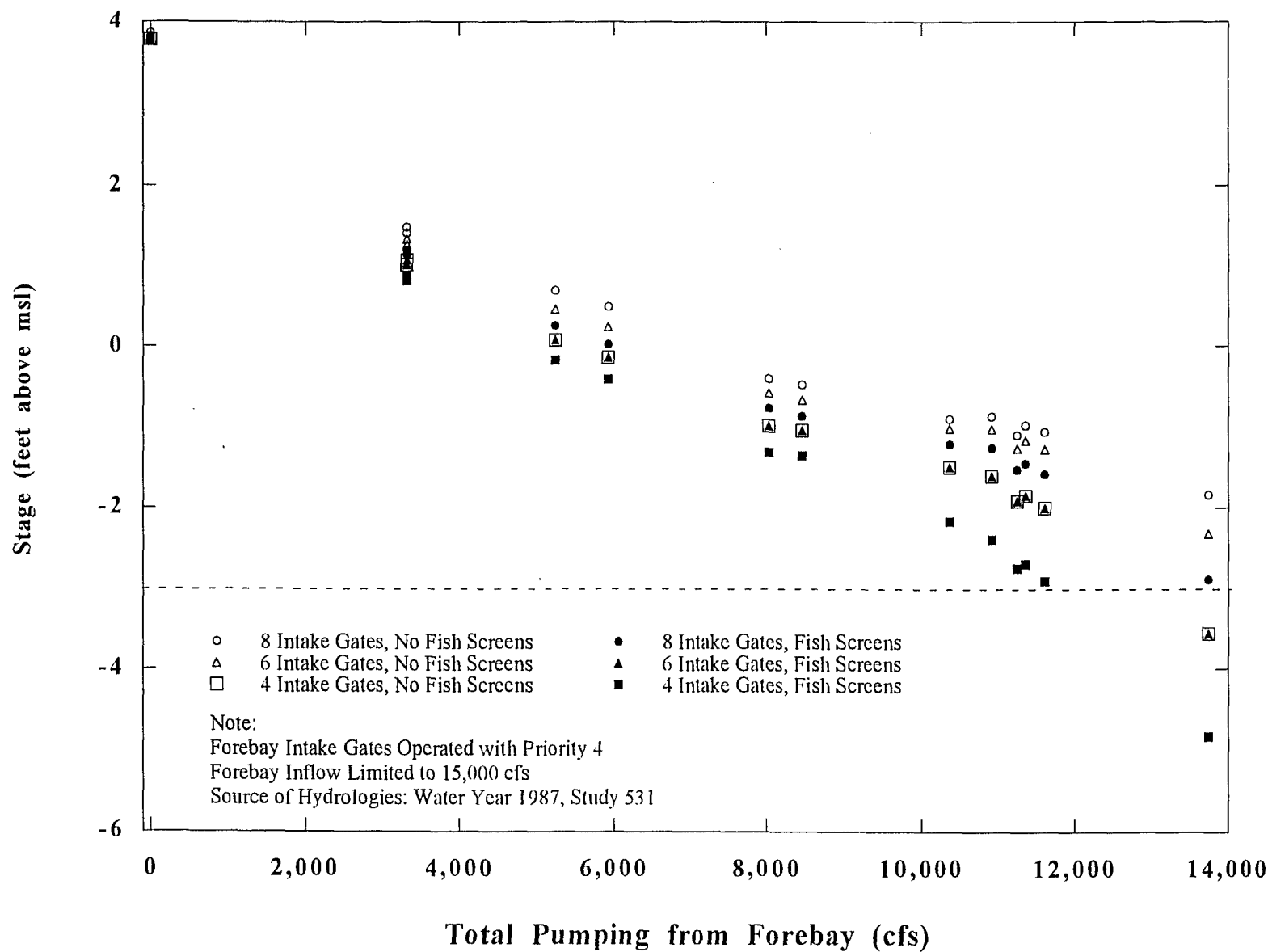
? Dredging Old R. (Based on orig X-sect obj = 7200 ft² - ft)

R.O. Dr Orlob's student (Curtis) 3d model project => CCFB

CMARP - Near Fid data (From Orlob's proposal)

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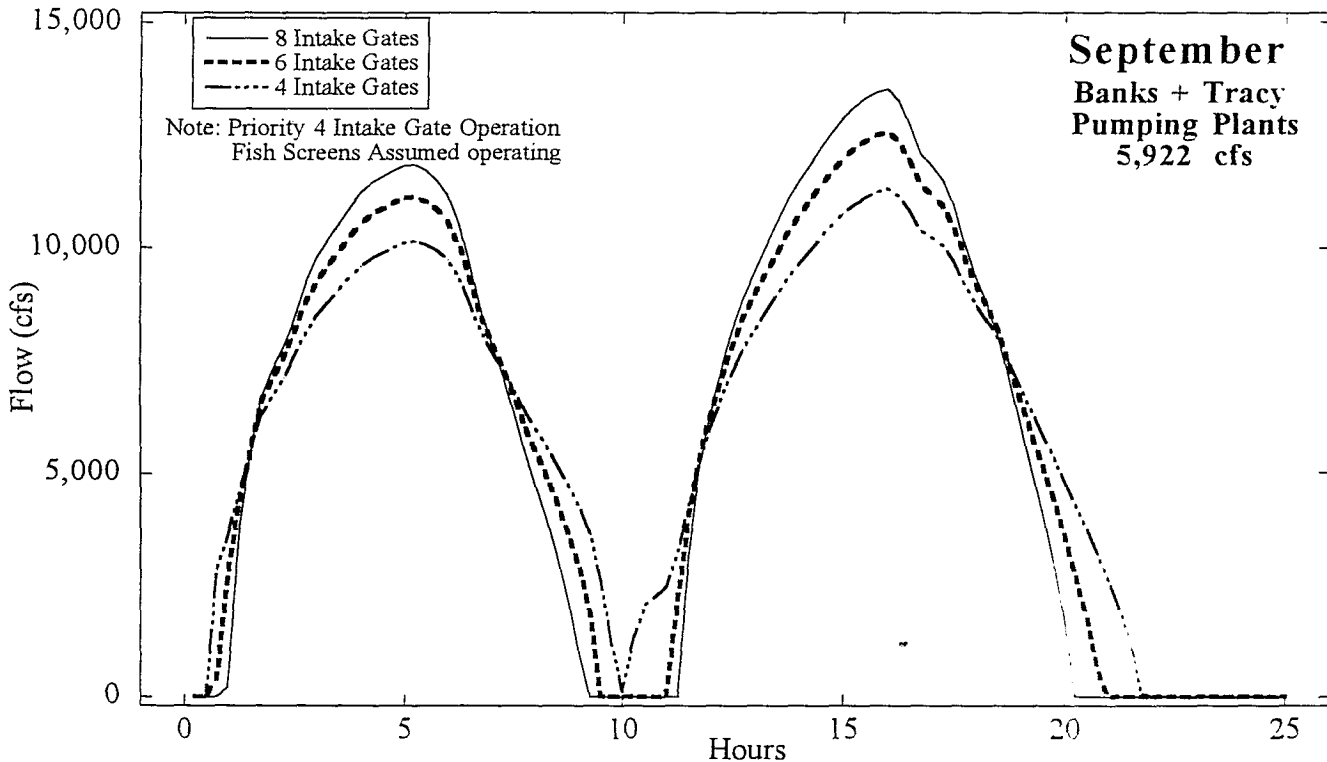
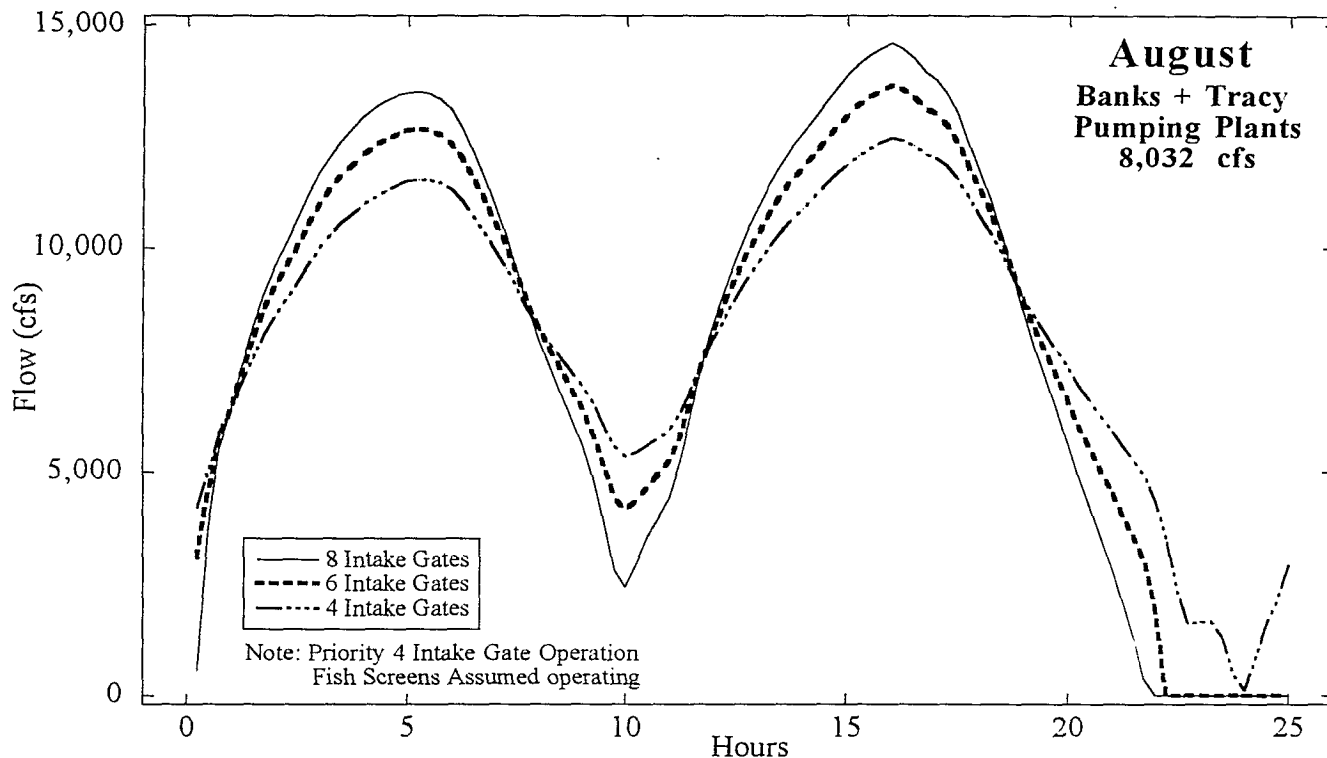
Minimum Stage in Clifton Court Forebay
as Forebay Pumping and Forebay Intake Configuration Vary



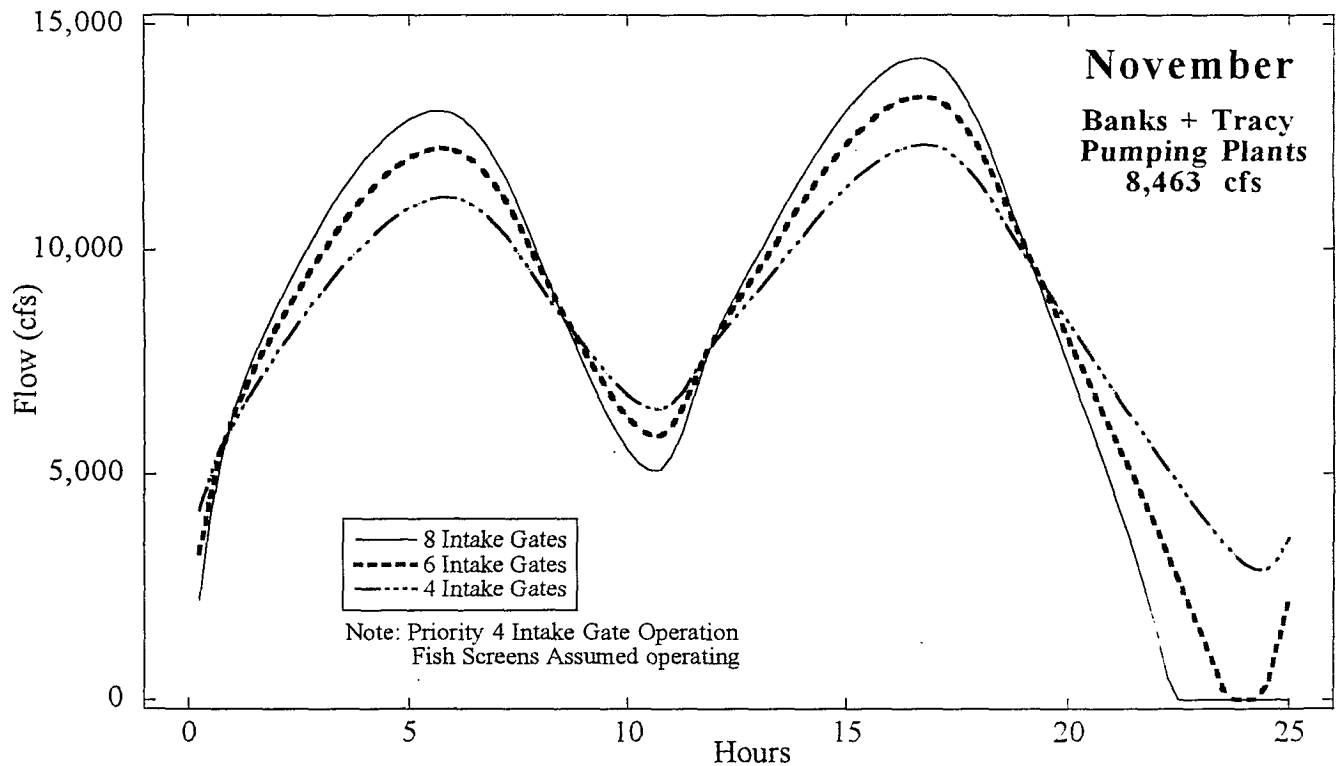
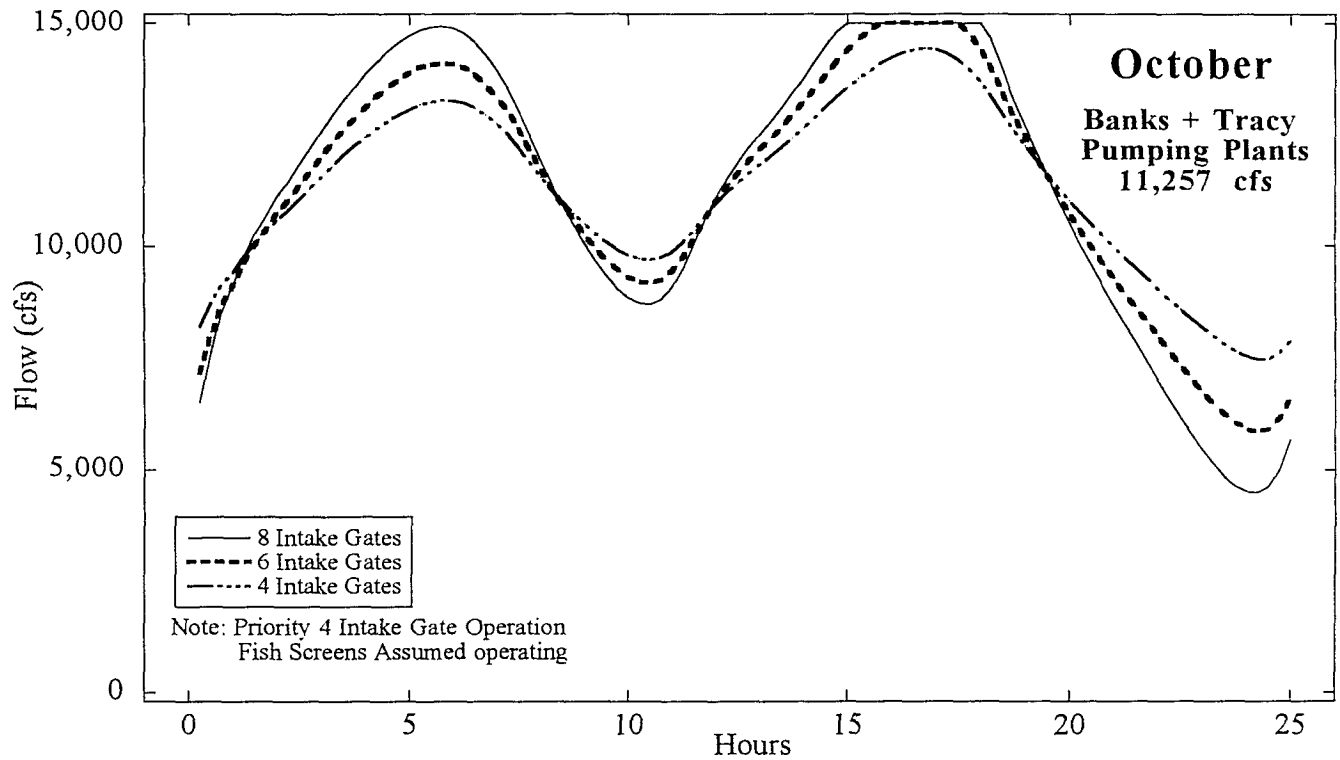
Reid Bob Suits (DSMC) 4/13/98 - 15K cfs contin diversion CCFB

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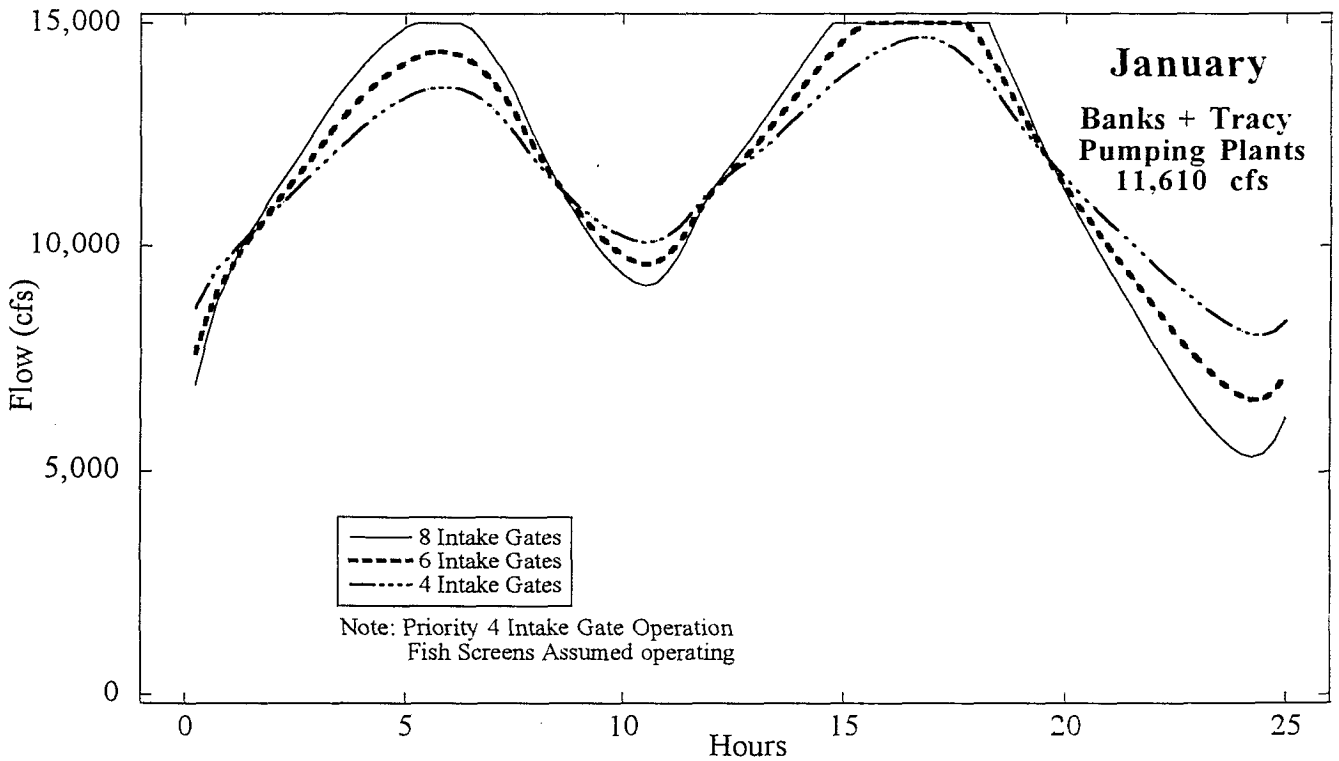
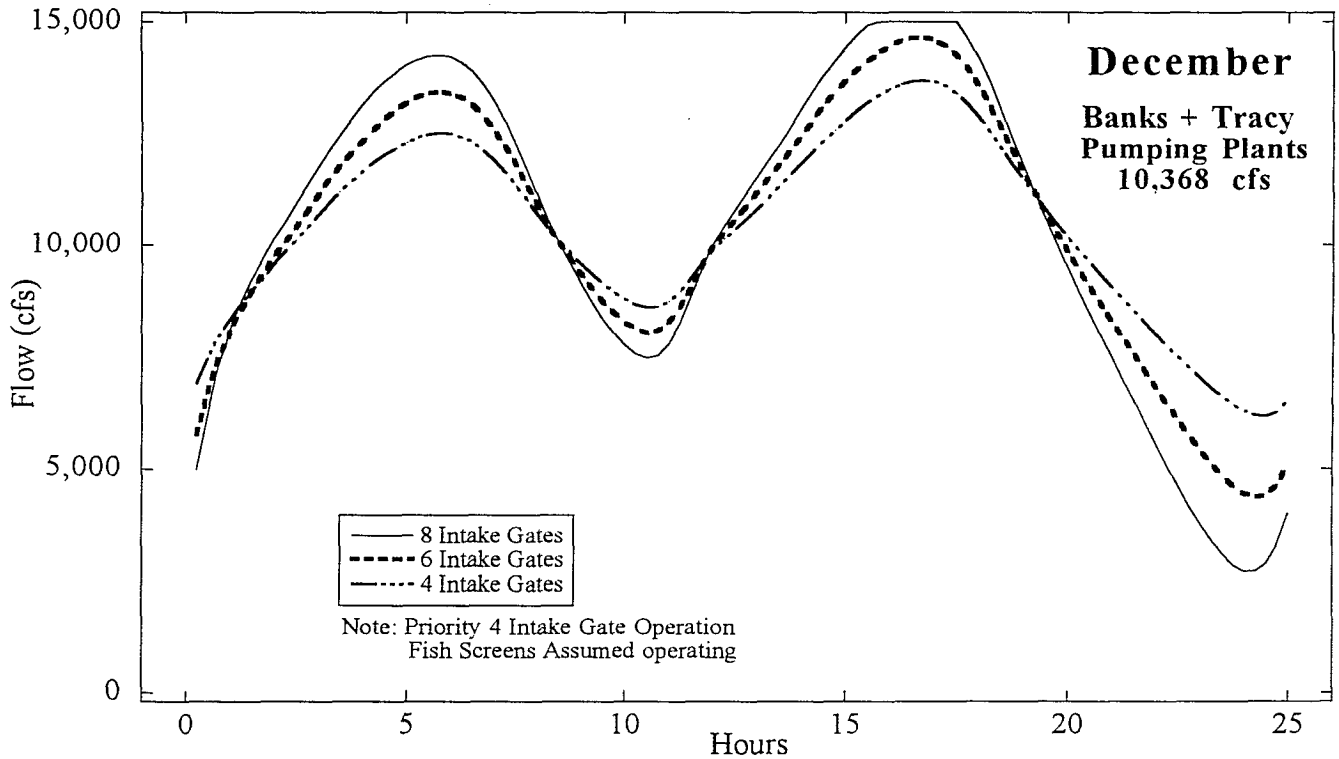
**Flow into Clifton Court Forebay
Alternative 1C with 3 Forebay Intake Configurations with 15,000 cfs Flow Limit
Water Year 1987 of Study 531**



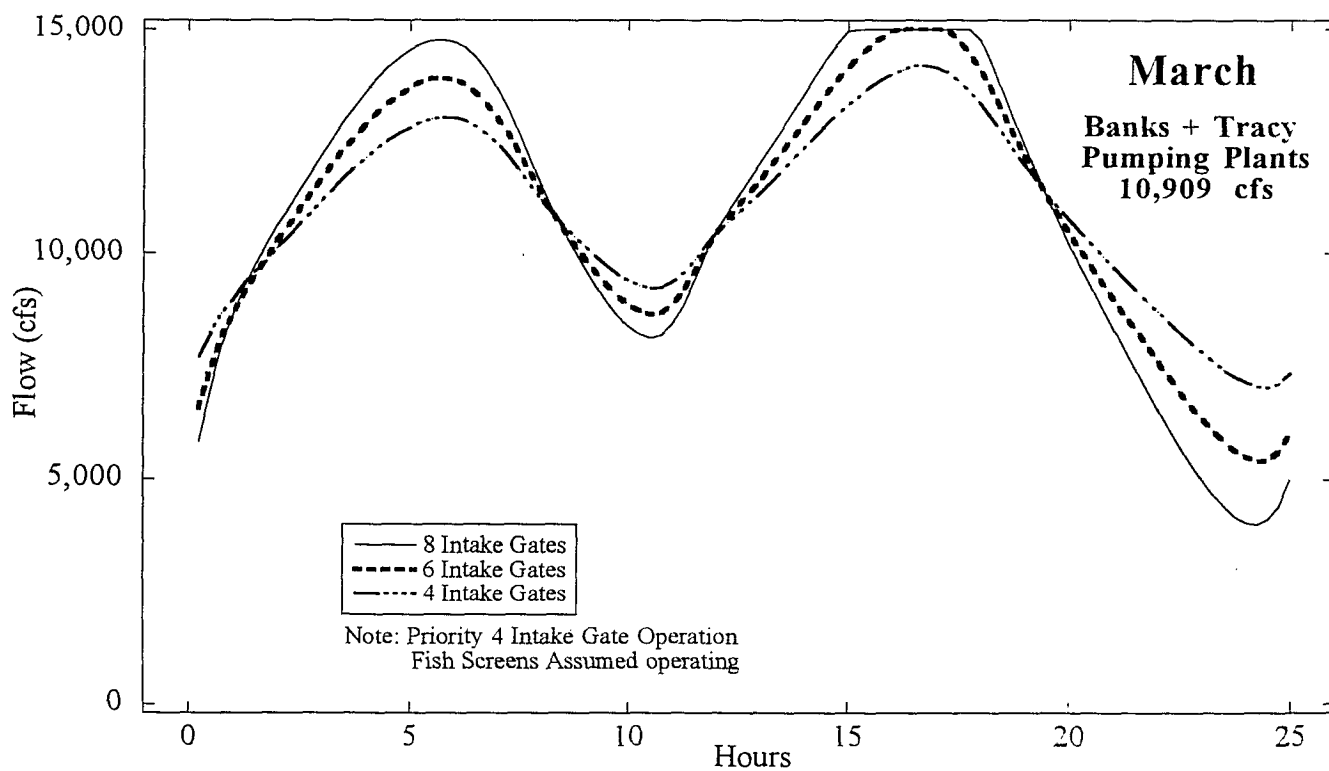
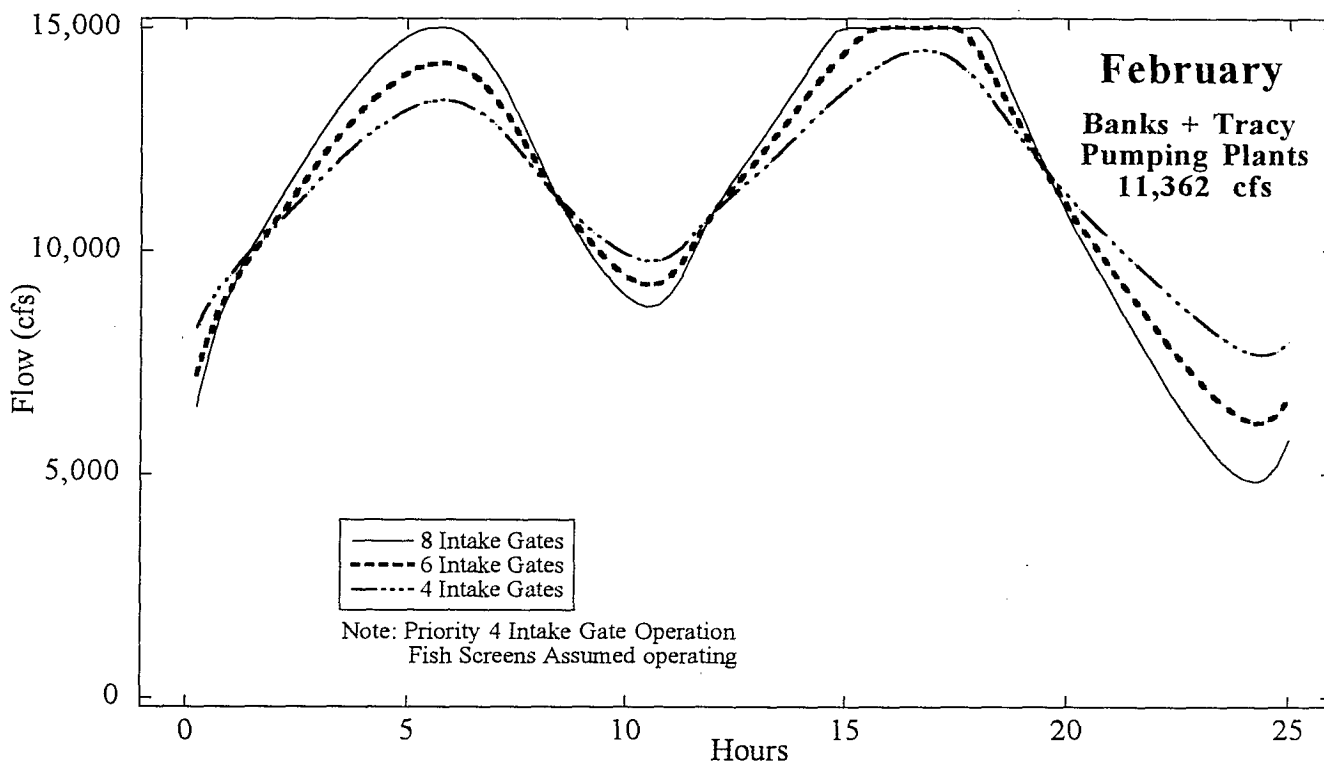
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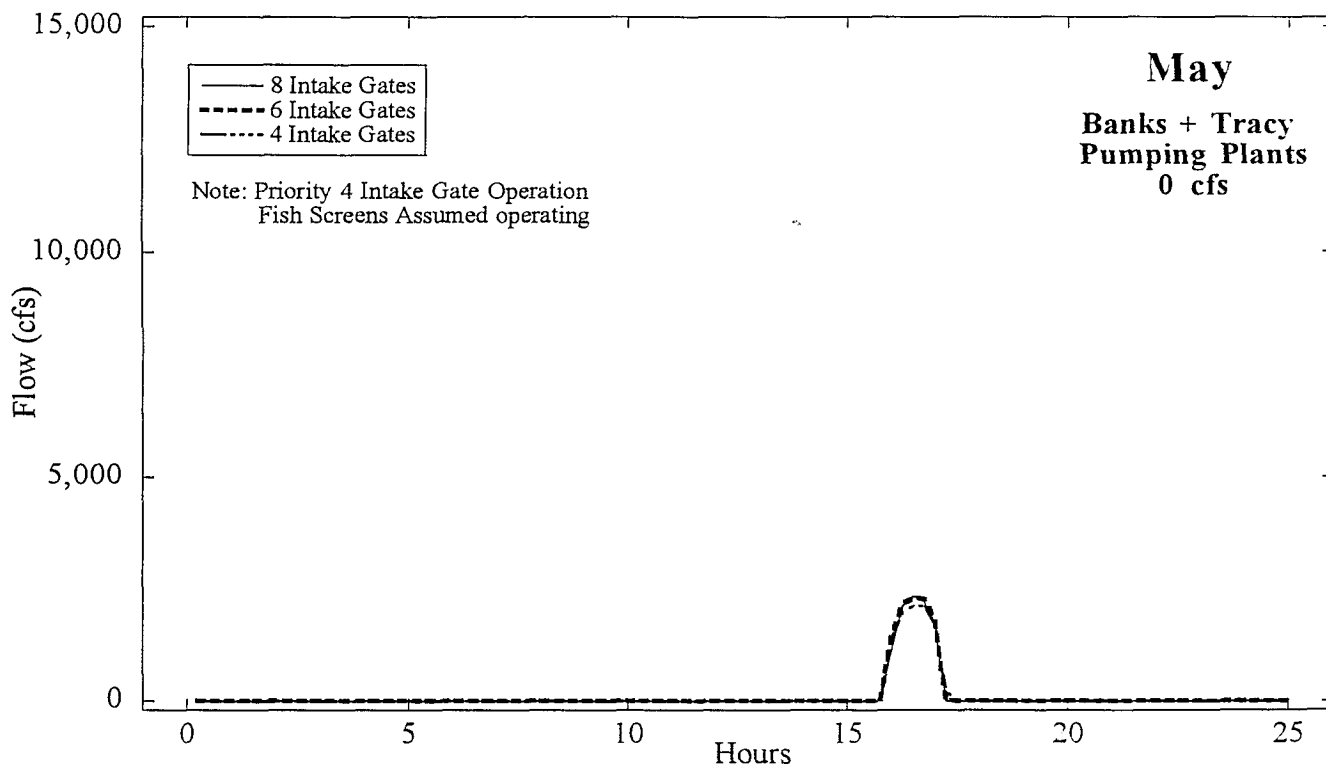
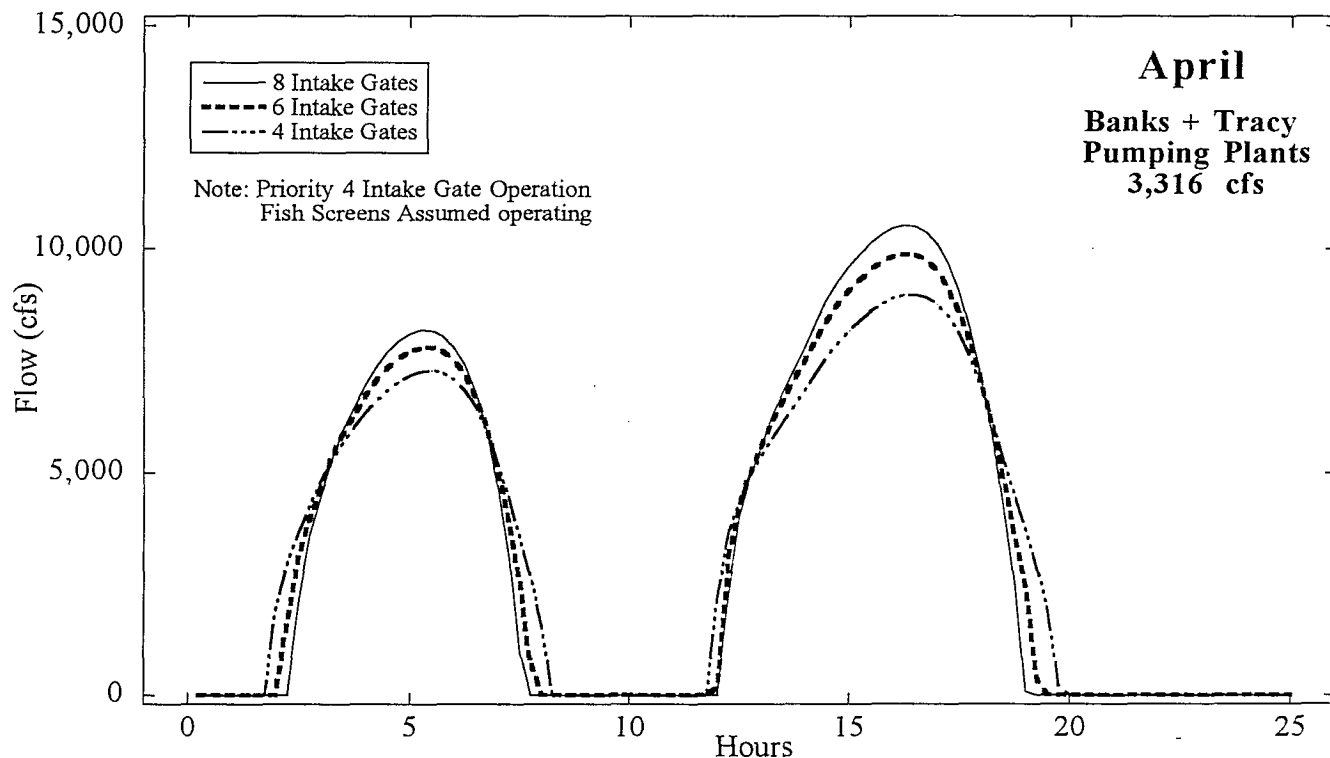
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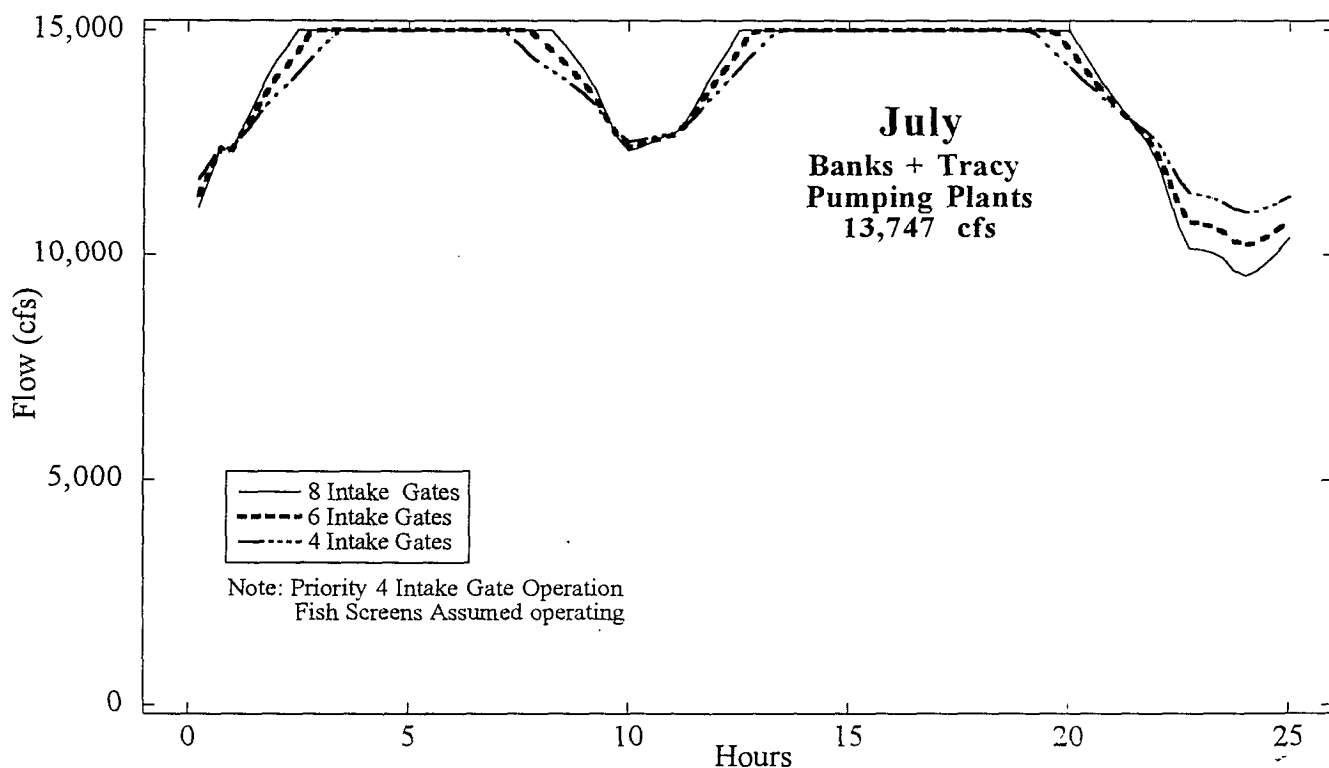
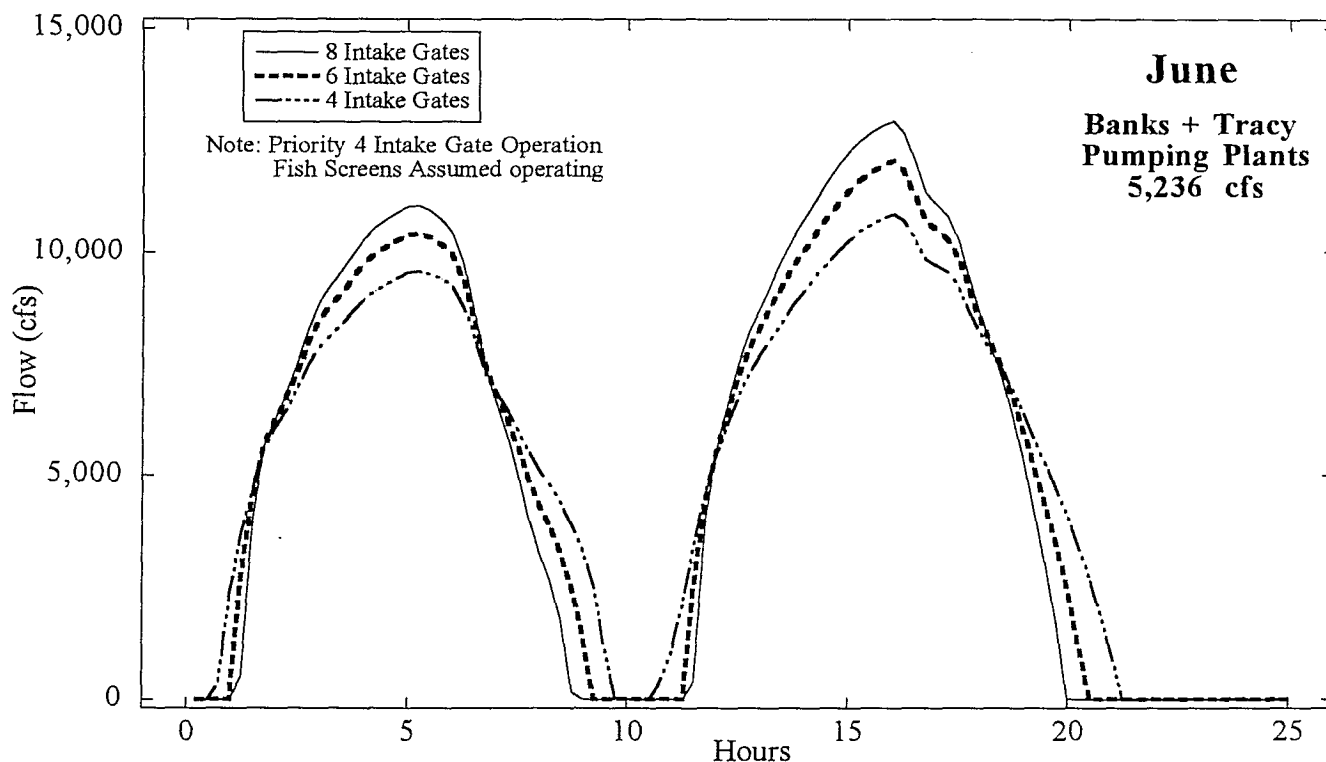
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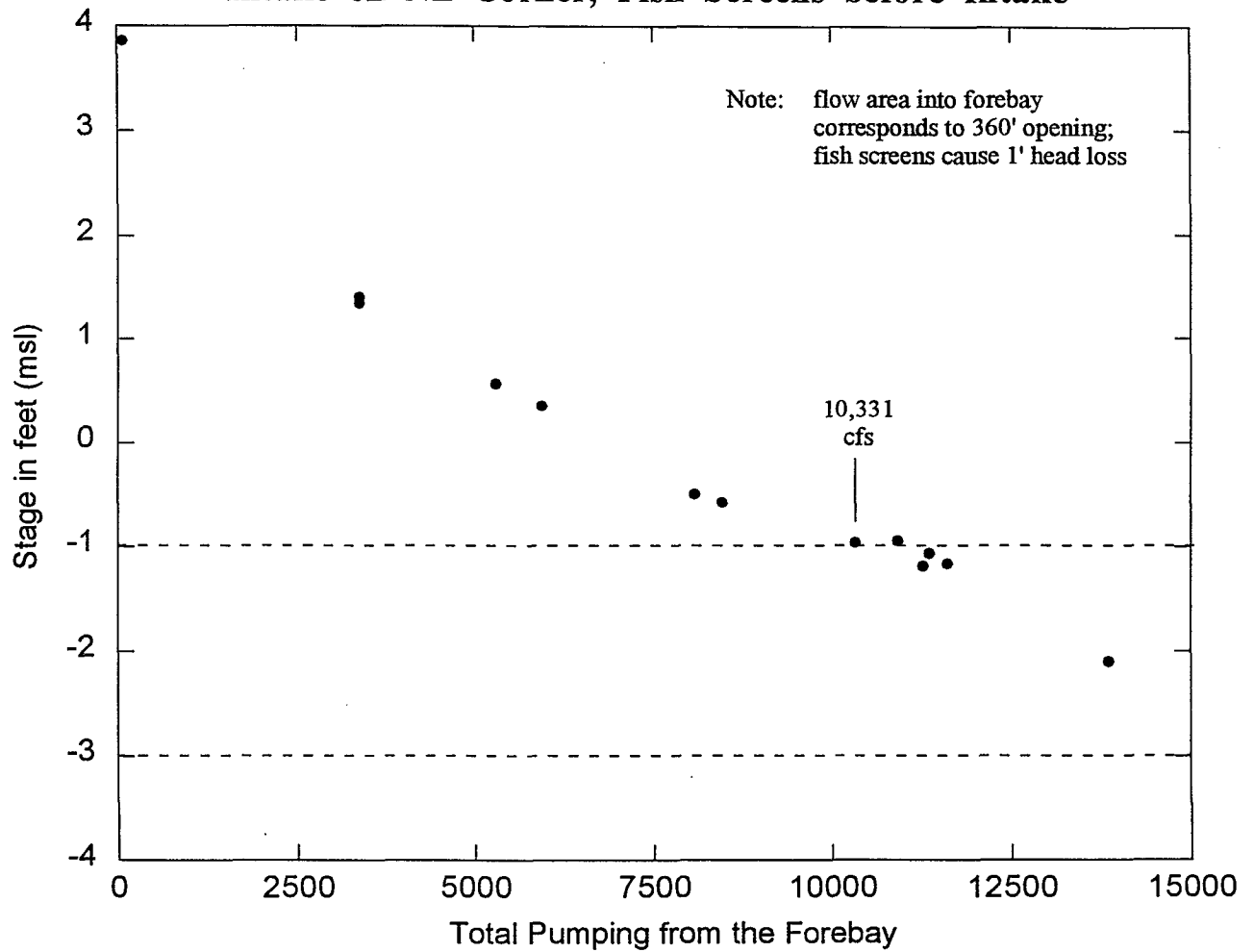
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**Minimum Stage in Clifton Court Forebay
Intake on NE Corner, Fish Screens before Intake**



Source: Alt 1C, Water Year 1987 of DWRSIM run 531.